PO DAAC Meeting 7.2.2015

Attendance

Thomas Huang, Christopher Finch, Robert Toaz, Andrew Mitchell, Kathleen Baynes, Erich Reiter, prem gazula, Dana Shum, Dan Pilone

Agenda

•Overview of Reconciliation
•Current Process
•Plans For the Future
•Timeline Development

Reconciliation Documents

PO.DAAC CMR Reconciliation Package.docx

PO.DAAC Reconciliation Spreadsheet.xlsx

Pre-Reconciliation Metadata Flow

Post-Reconciliation Metadata Flow

Future (Post-Reconciliation)

ECS · Reverb · EDSC · Other Clients · docBUILDER Portals · GCMD Portals

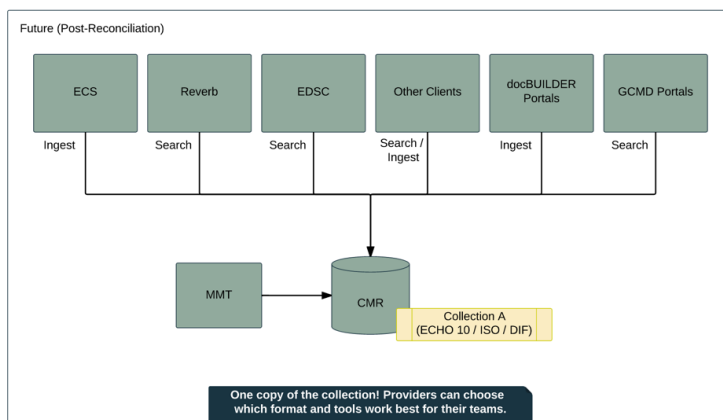Ingest · Search · Search · Search / Ingest · Ingest · Search

MMT → CMR

Collection A
(ECHO 10 / ISO / DIF)

One copy of the collection! Providers can choose
which format and tools work best for their teams.
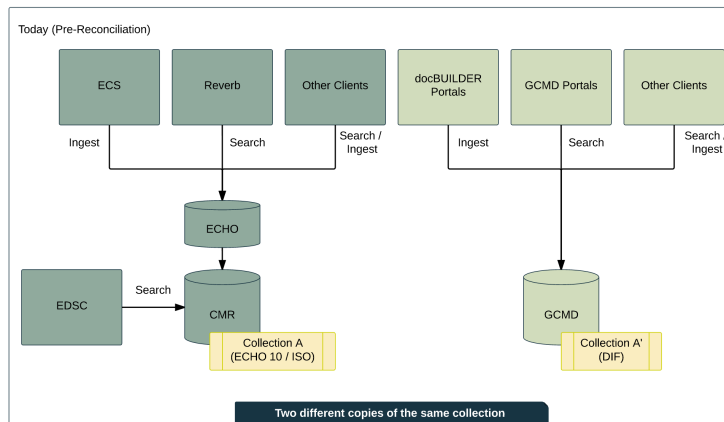
Notes

Current Process:

- Collections and Datasets are maintained in a local system called DMAS. Both datasets and collections are stored in Oracle and there is also a solr instance used for indexing and searching.
- Collections exported to xml and sent to ECHO via FTP Ingest. Often time collections are rejected because they don't have the required data
- Datasets are exported to DIF tarball and sent to GCMD. GCMD provides feedback and PO-DAAC resubmits if necessary
- PO-DAAC already has web services and portals (SLC) which are querying CMR directly in addition to querying data from DMAS. Noted that CMR data needs to have better quality to support their use cases. Team concurs and pointed out that data reconciliation is the first big step in that direction.

Timeline / Milestones

- Team discussed that only one format needs to be submitted going forward (DIF, ECHO10, ISO, etc.). PO-DAAC will decide on source format by August 31, 2015
- PO-DAAC will then aim to have corresponding code updated by September 31, 2015 so that only one format is being exported to CMR/GCMD

- BEDI collections are in the process of changing also in the next few months
- DMAS is undergoing even further development changes which are expected to complete in early 2016